

WHAT IS CLAIMED IS:

1. A crystalline biodegradable resin composition obtained by annealing a composition comprising an aliphatic polyester and a modified elastomer.

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2. The crystalline biodegradable resin composition according to claim 1, wherein the aliphatic polyester is at least one of polylactic acid and polybutylene succinate.

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3. The crystalline biodegradable resin composition according to claim 1, wherein the annealing is carried out at or above a glass transition temperature of the aliphatic polyester.

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4. The crystalline biodegradable resin composition according to claim 1, wherein the annealing is carried out at a temperature higher than a glass transition temperature of the aliphatic polyester by at least 15°C.

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5. The crystalline biodegradable resin composition according to claim 1, wherein the modified elastomer comprises a modifying group capable of interacting with a carbonyl group.

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6. The crystalline biodegradable resin composition

according to claim 5, wherein the modified elastomer is an ethylene elastomer.

7. The crystalline biodegradable resin composition
5 according to claim 5, wherein the modified elastomer comprises at least one modifying group selected from the group consisting of an epoxy group, an unsaturated organic acid group, and a glycidyl group.

10 8. The crystalline biodegradable resin composition according to claim 7, wherein the modified elastomer is an elastomer selected from the group consisting of a styrene elastomer, an acrylic elastomer, a silicone elastomer, a urethane elastomer, and a natural rubber elastomer.

15 9. The crystalline biodegradable resin composition according to claim 1, wherein the modified elastomer comprises a modifying group in an amount of 1 to 40% by weight.

20 10. The crystalline biodegradable resin composition according to claim 1, wherein the composition comprises 100 parts by weight of the aliphatic polyester and 3 to 90 parts by weight of the modified elastomer.

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11. The crystalline biodegradable resin composition according to claim 1, wherein the composition comprises 100 parts by weight of the aliphatic polyester and 7 to 50 parts by weight of the modified elastomer.

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12. The crystalline biodegradable resin composition according to claim 1, wherein the composition further comprises polytetrafluoroethylene.

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13. The crystalline biodegradable resin composition according to claim 12, wherein the polytetrafluoroethylene is acrylic-modified.

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14. The crystalline biodegradable resin composition according to claim 12, wherein the composition comprises 100 parts by weight of the aliphatic polyester, 3 to 90 parts by weight of the modified elastomer, and 0.1 to 50 parts by weight of the polytetrafluoroethylene.

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